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PATENT  
Attorney Docket No. 212311

2100

#2  
A. Hay  
7/16/02

2186

In re Application of:

VETRIVELKUMARAN et al.

Group Art Unit:

Application No. 09/681,844

Examiner:

Filed: June 15, 2001

For: APPLICATION PROGRAM  
CACHING

RECEIVED

JUN 27 2002

Technology Center 2100

**REVOCATION OF  
FORMER POWERS OF ATTORNEY AND  
NEW POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Microsoft Corporation (hereinafter the "assignee") is the assignee of record of the entire interest of the above-identified U.S. patent application, and has a place of business at One Microsoft Way, Redmond, Washington 98052.

Pursuant to 37 CFR 3.73(b), the undersigned has reviewed evidentiary documents establishing a chain of title from the inventor(s) to the assignee and, to the best of the undersigned's knowledge and belief, certifies that title is in the assignee. An assignment from the inventor(s) to the assignee was recorded in the U.S. Patent and Trademark Office on June 15, 2001, at Reel 011663, Frame No. 0317.

The assignee hereby revokes all previously given powers of attorney and appoints the following as its attorneys to prosecute and transact all business in the U.S. Patent and Trademark Office connected with the application, including the following: to receive all documents issued by the U.S. Patent and Trademark Office based thereon; to file continuation, continuation-in-part and divisional applications based thereon; to pay any and all fees, including maintenance fees for any resulting patent; and to file for reissues and extensions and to request reexamination of any resulting patent. All such powers are to be exercised separately or collectively.

Please recognize Leydig, Voit, & Mayer, Ltd. as Associate Attorneys in this case:  
Customer Number 23460.



23460

PATENT TRADEMARK OFFICE

In re Appln. of VENTRIVELKUMARAN et al.  
Application No. 09/681,844

The assignee requests that correspondence concerning this application be directed to  
Leydig, Voit & Mayer, Ltd.: Customer Number 23460.



**23460**

PATENT FINDER'S OFFICE

The assignee also requests that all telephone calls be directed to John Conklin at  
(312) 616-5600.

Date: 6-13-2002

Signature

  
Daniel D. Crouse

Typed or printed name of person authorized to sign on behalf of  
Assignee

Title

Assistant Secretary

Revoke (Rev. 2/1/2001)